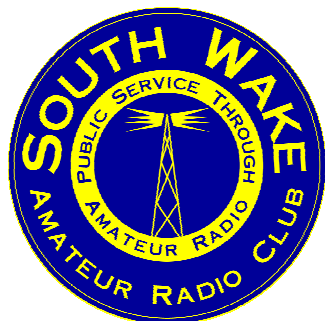




SWARCEr NEWS

November 2010

MINUTES FROM MEETING

Minutes recorded by Christopher Caudle (KG4WFD)

November 1, 2010

Treasure report

October Minutes were read and approved

Membership is up to 40 members

We have 1 new member KJ4YDJ Jim Howard

Motion made to purchase of 4 tables at Jarsfest for \$24

Motion passed

KA0GMY Steve Mowels is the new trusty of the club call (so contact him to use it)

Christmas party will be pot luck (Donations accepted for drinks and paper products)

Still looking for a full time public service officer

Glenn is going to keep up with the public service until the first of the year with updates on the web-site

Motion made to purchase a spot in the Fuquay Christmas Parade for \$15

Motion Passed

Neil won 50/50 and donated his winnings of \$11 to the club

Presentation Made by Mike N3YEP

Next meeting December 6, 2010

Dinner Pot Luck

Meeting Place:

Fuquay-Varina First Presbyterian Church Fellowship Hall at 307 N Ennis St.

Dinner at 6:00pm with the meeting to follow at 7:00pm

Program will be Christmas Social

Check out our nightly Nets on the 145.210 (BLACKJACK) repeater.

Sunday.....W3OJO.....Joe
Monday.....AJ4NX.....Adrian
Tuesday.....KA0GMY..Steve
Wednesday....KJ4CVK...Kenny
Thursday.. Need Help
Friday.....NC4MP.....Mark
Saturday...Need Help

Nightly nets start at 7:30 pm

Traders net held on Tuesday nights after the shortened rag chew net.

NET WHIP REPORT

SWARC Net Report October 2010

Hello All! NC4MP here with the October 2010 net report. I know it has been a long time since I have done a net report I must admit I dropped the ball on keeping you guys informed about that nets and for that I apologize, but this time around I plan to do better and make sure that I have a net report each and every month from now on! You guys are a great user group and you deserve to be informed about the nets and that is my mission from here on out!

Had a really decent month for October the numbers were good with the amount of net reports that I received. I would like to ask anyone who calls a net to PLEASE send me a net report for the net that you call. Just put the date & call signs for the net and shoot me an email with them to nc4mp@bellsouth.net. I'd like to thank KJ4CVK Kenny for the taking over Wednesday net for us he has stepped in and done a great job and it was very much appreciated. Also, I'd like to thank AJ4NX Adrian he continues to be a real work horse for the nets he called 10 nets during the month of October! That is a lot of nets

.....again thank you Adrian it is also very much appreciated.

Anyone interested in calling a net we have a couple of nights available Thursday and Saturday nights. If those nights are not good for someone we might be able to shuffle around and get one that is more accommodating to your schedule. Nets are a ton of fun to call, so come on shoot me an email and help us out and call a net!

The numbers for the month are as follows:

Net sessions:	25	(didn't receive all nets reports for the month)
Members participating:	18	
Visitors participating:	47	
Total checkins	361	
Avg. Check-ins per net	14.4	

Not bad numbers at all considering not having a complete reporting on all the nets 14.4 check-ins per isn't bad at all. I would however like to see more of our members start checking into the net more often. We only had 18 for the month and we have over 40+ members so I encourage each and every one of you to check in as often as you can!

KA0GMY, WA2YBM, & AJ4NX all checked into 20 or more nets for the month! Thank you guys for getting in there and participating as you have it means a great deal to net, with that being said AJ4NX is this month's check-in champ for the month of October. I have him checking into at least 22 nets with the reports that I have, not only checking into 22 nets but also calling 10 of them that is pretty impressive Adrian thank you so much for what you do with the nets. You have been a tremendous help to me with the nets and I can't thank you enough.

Ok folks, that is about all for this month again thanks for the participation in the nets so until next month Happy Thanksgiving and Merry Christmas to one and all!

PROPAGATION NOTES

PROP ARL ARLP046

ARLP046 Propagation de K7RA

Five new sunspot groups appeared in the past nine days, and the average daily sunspot number for the November 11-17 period rose nearly 28 points from the week before to 60.9. Average daily solar flux was up nearly four points to 87.9.

The current forecast from NOAA/USAF shows a planetary A index of 5 on every day through the end of November, and the predicted solar flux on November 19 at 86, 84 on November 20-24, 82 on November 25-26, and then 80 through the end of the month.

Geophysical Institute Prague has a somewhat different outlook from NOAA/USAF. They see quiet geomagnetic conditions for November 19-20, quiet to unsettled November 21, unsettled November 22-23, and quiet again on November 24-25.

Conditions should be good during the ARRL Phone Sweepstakes this weekend. Latest predictions show continued solar activity with low geomagnetic activity levels. Dean Straw, N6BV gave a presentation in October at Pacificon 2010 titled "Seeing the HF Propagation Big Picture." The slides are available in a PDF file at <http://tinyurl.com/2fgnmlm>. Download the file, and be sure to click through pages 11-14 to see the predicted propagation shifting over time.

Note that the images from the STEREO mission at <http://stereo.gsfc.nasa.gov> now show nearly the entire Sun. This weekend the project achieves 97% coverage of the Sun. Patrick Weatherford, AE5PW of Newport, Arkansas (about 70 miles WNW of Memphis) wrote to tell us of the fun he had on the air on Thursday. Running 100 watts from a ground-mounted vertical, from 2106-2156z on 20 meter SSB he worked PJ5/SP6IXF in St. Eustatius and Saba Island, VP2V/NY6X on 20 CW in the British Virgin Islands, PJ5/SP6EQZ on 15 meter CW, YV5AEA in Venezuela on 15 meter PSK31, J29WTA on 17 meter SSB in Dominica, YL2SW/MM near Nigeria on 17 meter CW, C5OC on 20 meter SSB in The Gambia, and KH2/N2NL on 17 meter CW in Guam. Following that, he worked both Central and South American stations on 20 meter PSK31. Conditions have been helped by the increased sunspot numbers. Jon Jones, N0JK in Wichita, Kansas wrote to tell us about sporadic E-skip on 6 meters on November 13. He worked K6JSV at 2028z on 50.125 MHz, from DM12 to EM18. There were reports of a number of beacons copied. N0LL/B in EL09ql was copied by WA5IYX in EM09ow, K7EK/B in DM43 was copied by AC7XP in CN87, and XE2K/B in DN17nt was copied by W7MEM in DM22. On November 14 Dave Sarault, N3XF experienced a great opening on 10 meters. He was operating WP2B in the U.S. Virgin Is-

Dave wrote, "Today, November 14th I was operating from Brad's station and experienced the best 10 meter opening I can remember in several years. I ran a pile up from 2015z to 2125z with signals from W1 and W2 running 40 dB over S9 from stations running 100 watts into verticals and dipoles. Also I was able to work mobiles who were stepping over guys running big beams! It reminded me of 10 meters in the glory days a few cycles ago. The band changed quickly, and at 2100z I worked several W6s, but that lasted about 15 minutes and they were gone."

Check out the interesting narrative about stealth operation at West Point by WP2B on his qrz.com page at <http://www.qrz.com/db/wp2b>.

Next week for the Thanksgiving holiday this bulletin will be on a different schedule. Only the version of the bulletin linked from the <http://www.arrl.org> home page will go up on Friday, November 26. The bulletin won't be emailed to readers or transmitted from W1AW until Monday, November 29.

If you would like to make a comment or have a tip for our readers, email the author at, k7ra@arrl.net.

For more information concerning radio propagation, see the ARRL Technical Information Service web page at <http://arrl.org/propagation-of-rf-signals>. For an explanation of the numbers used in this bulletin, see <http://arrl.org/the-sun-the-earth-the-ionosphere>. An archive of past propagation bulletins is at <http://arrl.org/w1aw-bulletins-archive-propagation>. Find more good information and tutorials on propagation at <http://mysite.ncnetwork.net/k9la/index.html>.

Monthly propagation charts between four USA regions and twelve overseas locations are at <http://arrl.org/propagation>. Instructions for starting or ending email distribution of ARRL bulletins are at <http://arrl.org/bulletins>.

Sunspot numbers for November 11 through 17 were 48, 68, 63, 69, 62, 55, and 61, with a mean of 60.9. 10.7 cm flux was 84.5, 85.4, 85.4, 86.4, 90.8, 91.8 and 91.2 with a mean of 87.9. Estimated planetary A indices were 15, 15, 8, 7, 7, 6 and 4 with a mean of 8.9. Estimated mid-latitude A indices were 12, 9, 4, 5, 5, 4 and 3 with a mean of 6.

ARLB025 W1AW 2010/2011 Winter Operating Schedule

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu
Daily Visitor Operating Hours:		
1500 UTC to 1700 UTC - (10 AM to 12 PM EST)		
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)		
(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))		
Afternoon/Evening Schedule:		
2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	DIGITAL	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	DIGITAL	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily
Frequencies (MHZ)		

CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675		
DIGITAL: 3.5975 7.095 14.095 18.1025 28.095 147.555		
VOICE: 1.855,3.990 ,7.290 ,14.290 ,18.160 ,21.390 ,28.590		
Notes:		
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM		
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM		
CWb = Morse Code Bulletins = 18 WPM		
CW frequencies include code practices, Qualifying Runs and CW bulletins.		
DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.		
Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.		
On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.		
A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.		
All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.		
The W1AW Operating Schedule may also be found on page 102 in the October 2010 issue of QST or on the web at, http://www.arrl.org/w1aw-operating-schedule .		



BUSINESS NAME			
Address	Officers		
PO Box 1565 Fuquay-Varina, NC 27526	President:	Jeremy Barnard	KG4FYX
	Vice President:	Anna Chrisman	KF4USQ
	Secretary:	Chris Caudle	KG4WFD
	Treasurer:	Christy Fernandini	KJ4AEO
	Membership Director:	Ryan Avery	NC4RA
			rwavery@charter.net

Public Service through Amateur Radio.

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.